

april 1955

Kent-Moore

1955

GMC
TRUCK

ESSENTIAL

SERVICE

TOOLS



1955 GMC TRUCK ESSENTIAL SERVICE TOOLS

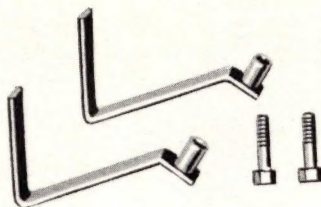
V-8 ENGINE TOOLS (both 288 and 324 models)

J 2730 Hydraulic Valve Lifter Lock Ring Installer



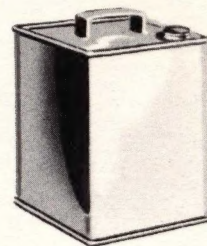
This tool facilitates installation of retainer ring in lifter body. To insure cleanliness, rinse push rod seat and ring before installing.

J 4159 Cylinder Head Removing Handles



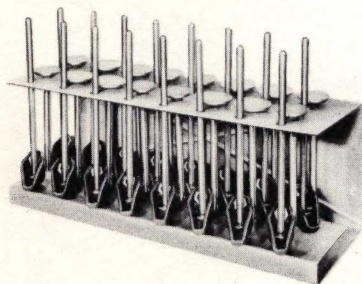
It's a long reach over the fender to the cylinder head and a tough lifting job . . . unless you use these hooks. Avoid fender dents and gasket damage, too.

J 5268 Hydraulic Valve Lifter Test Fluid (Gallon)



For the best, most accurate results with the new J 5790 Hydraulic Valve Lifter Tester a fluid of a constant viscosity should be used. J 5268 Test Fluid conforms with this essential requirement.

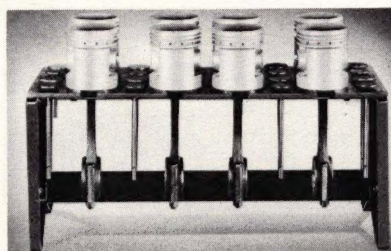
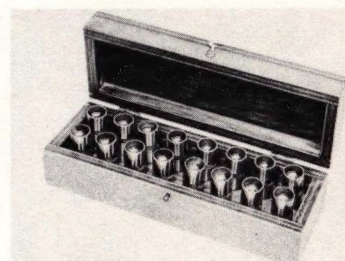
J 5709 Valve and Valve Train Holding Stand



Valve train parts are precision parts and they *must* be replaced where they came from. This stand helps you keep them in their proper order and, equally important, it helps you keep the parts clean.

J 5763-A Hydraulic Valve Lifter Storage Box

Any time you remove the push rod cover for an extended period, pull the valve lifters and put them in this box. It provides storage places for 16 lifters . . . insures cleanliness and replacement in proper openings.



KMO 464 Piston and Valve Rack

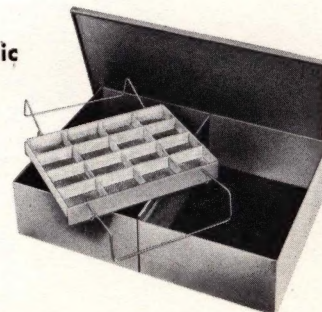
This tool is a convenience item and well worth having. It provides openings for the 8 piston and rod assemblies and for the 16 valves. Each part is placed on the rack as removed and is thus protected from injury and kept clean and orderly.

J 5790 Hydraulic Valve Lifter Leakdown Tester



Every Hydraulic Valve Lifter pulled for cleaning or repair must be tested for leakdown before re-installing. So, a J 5790 is essential for every shop that services vehicles with Hydraulic Valve Lifters. The rugged J 5790 is applicable to every valve lifter now in use . . . Dual dealers with the J 5200-A Tester may test Model 288 engine lifters by using the line scribed for Buick and Chevrolet in-line using J 5180-11 Adapter which came with the J 5200-A.

J 5821 Hydraulic Valve Lifter Solvent Tank and Tray



Cleanliness is so important to proper valve lifter operation that you'll find it's the cure for most every lifter noise complaint you encounter. What you need, then, is a systematic means of cleaning valve lifters and that's what J 5821 provides you. A two compartment cleaning tank, one for solvent, the other for kerosene, and a 16 compartment cleaning tray for individual lifter parts. In addition the tank cover may be used as a working surface on the bench.

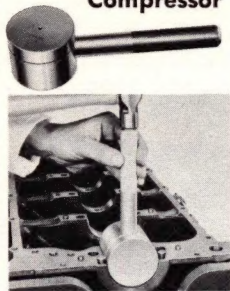
MODEL 288 ENGINE TOOLS

KMO 297-Q Piston Ring Remover and Replacer — 3¾"



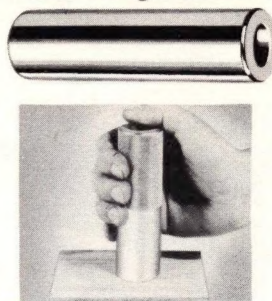
This Expander has been designed to prevent over-expansion and ring distortion during ring removal or replacement.

J 3048-A Rear Main Bearing Oil Seal Compressor



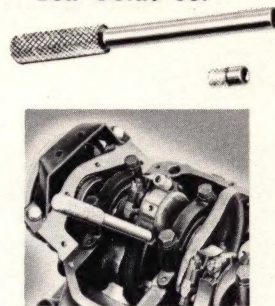
A tight seal fit is assured when this tool is used because it's machined to fit block and bearing cap contour. It provides a trimming surface, too.

J 4160-A Hydraulic Valve Lifter Plunger Remover



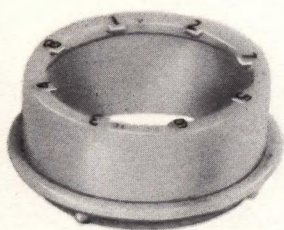
Often, when disassembling lifters you encounter plungers that stick in the body. How to remove them? Use J 4160-A as illustrated above.

J 5239 Connecting Rod Bolt Guide Set



When replacing pistons this set guides rod into place over crankshaft, prevents scoring and holds bearing in rod during installation.

J 4991-16 Firing Order Indicator and Piston Locating Gauge



Certain jobs require cylinders in firing position. This gauge tells you when cylinders are positioned.

J 5710 Valve Train Gauge



Gauges correct rocker arm depth... checks for proper length of valve stem after grinding valves.

J 5713 Valve Guide Reamer



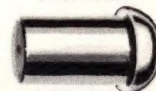
Service valve guides must be sized and tapered after installing. J 5713 is designed for the job.

J 5715 Rocker Arm Stud Reamer



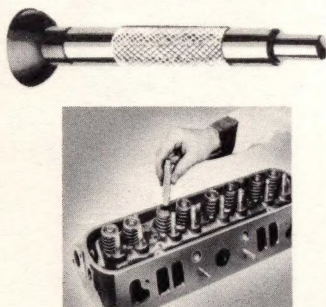
Service studs are oversize. No problem... just ream the stud hole to the *right* size using J 5715.

J 5716 Rocker Arm Stud Installer



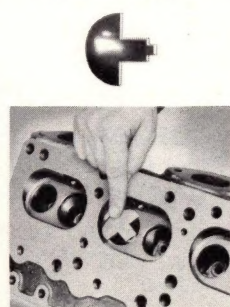
To install new rocker arm stud, J 5716 replaces rocker arm ball, J 5710 the push rod, then just press stud into head.

J 5751 Intake Valve Stem Seal Installer and Tester



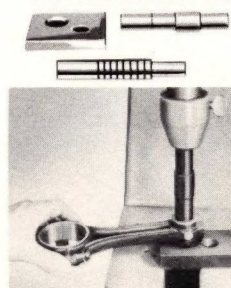
Sticky valves will almost certainly result from improperly installed valve stem seals. Why take the chance? With J 5751 you can get 'em on right and you can test to make *sure* they're right.

J 5752 Valve Guide Depth Gauge



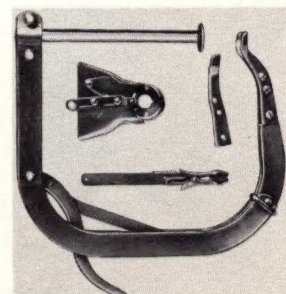
After installing a new valve guide with your J 2542 Valve Guide Driver check for correct depth with J 5752... an inexpensive, easy to use tool that saves you the cost of a new driver.

J 5753 Connecting Rod Bushing Remover, Replacer and Burnisher Set



The driver and block of this set prevent damage or distortion to connecting rod during bushing removal and replacement. The burnisher expands and properly rough sizes the replacement bushing.

KMO 642 Valve Spring Compressor



This tool accomplishes the removal and installation of the valves with a minimum of difficulty and enables the mechanic to perform these operations without damaging the rubber seal on the valve stems.

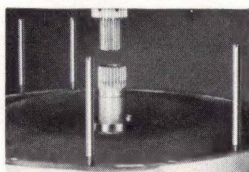
TWIN HYDRA-MATIC TRANSMISSION TOOLS

**J 5692 Idler Shaft
Puller Adapter**



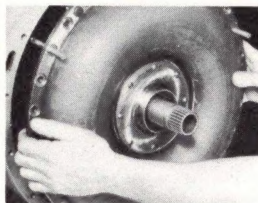
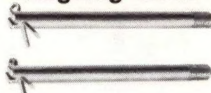
This adapter is screwed into the idler shaft and either J 2654-A or J 2619-B slide hammers may be used to remove the shaft quickly, easily, and without damage.

**J 5769 Transmission
Removing and
Replacing Studs**



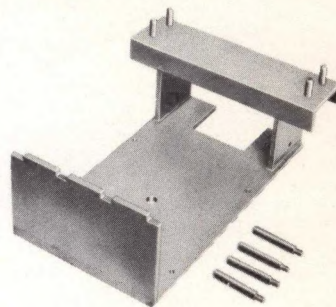
These four studs are required to align the input shaft splines while removing and replacing the Twin Hydra-Matic transmission in the vehicle.

**J 5771 Torus Cover
Aligning Studs**



These studs are used to support the differential fluid coupling during removal and replacement operations. They prevent damage and insure proper alignment of parts.

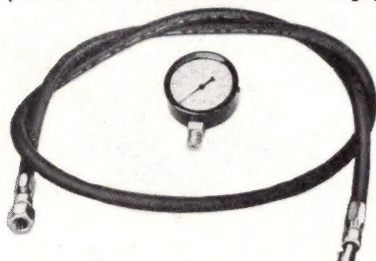
**J 5781 Twin-Hydra-Matic
Removal Fixture**



When used with a transmission hoist this fixture holds the transmission securely and safely during removal, replacement or while transporting for overhaul operations.

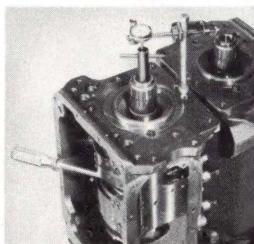
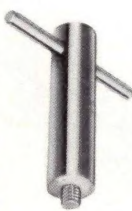
J 6161 Adapter Hose Extension

(for use with J 2540-A Pressure Gauge)



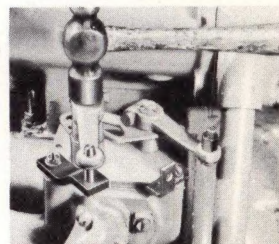
A pressure check is a number one diagnostic requirement on Hydramatics and you have the gauge to perform the check . . . J 2540-A. But to use this gauge on later models, you need this adapter.

**J 5896 Mainshaft Endplay
Tool**



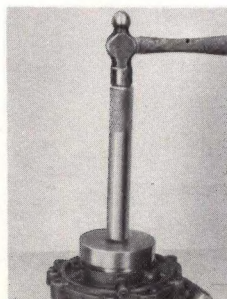
Thread this tool into the end of the mainshaft and use KMO 30 Dial Indicator to check end play . . . you'll get a positive check, eliminate guesswork.

**J 6063 Governor Lever
Positioning Gauge**



Remove cover bolt on governor housing and attach J 6063 using bolt just removed. Loosen governor lever and align pin in J 6063 with hole in lever. Tighten lever to governor, remove tool and lever is properly located at idle.

**J 6107 Front Pump Oil
Seal Installer**



When J 6107 is mounted on J 872-5 Driving Handle, the front pump oil seal may be quickly, easily, accurately installed . . . without damage to parts and no danger of oil leaks.

**J 6111 Twin Hydra-Matic
Throttle Valve Lever
Checking Gauge**

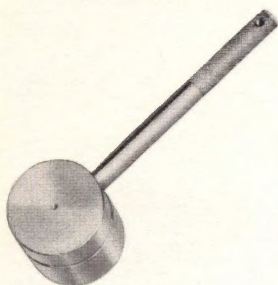


J 6111 mounts in place of a transmission cover bolt and is designed for checking the position of throttle valve levers on Twin Hydramatics . . . both Rod and Teleflex linkages.

●
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●

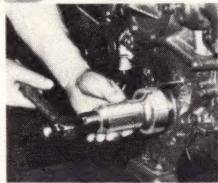
MODEL 324 ENGINE TOOLS

J 1045 Rear Main Bearing Oil Seal Compressor



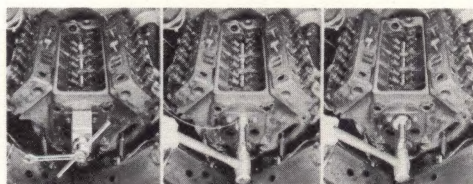
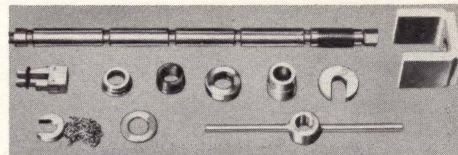
No customer comebacks with rear main bearing oil leaks when this special tool is used because it's designed to do the job right.

J 4177 Front Cover Oil Seal Replacer



J 4177 is required to install an oil seal in the front cover while it's mounted on the engine. New seals project $\frac{1}{4}$ " from cover and can't be driven past this position when J 4177 is used.

J 4476 Camshaft Bearing Remover and Replacer



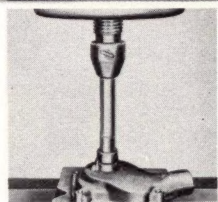
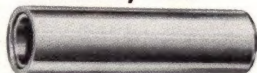
Use of this tool, when removing or replacing camshaft bushing, insures proper oil hole alignment, eliminates danger of bending bushing or damaging adjacent surfaces. In fact, due to bushing position, proper installation is almost impossible without J 4476.

J 5158-2 Valve Guide Replacer



New guides should be driven in from the top of the cylinder head with tool J 5158-2 until the tool seats on the face of the valve spring seat.

J 5175 Water Pump Shaft and Bearing Assembly Tool



This tool is necessary to drive the bearing into the housing and to prevent damage to the bearing while installing the bearing retainer.

TRANSMISSION TOOLS

J 5589 Countershaft Assembly Tool



Drive countershaft to rear of transmission case with J 5589. Remove shaft and leave tool in place to retain bearings in their proper position.

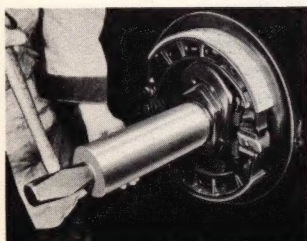
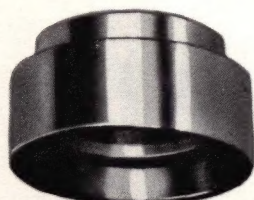
J 6104 Transmission Drive Gear Bearing Nut Wrench



This special Wrench is used to remove and install the drive gear bearing nut on Spicer Transmission Models 4550 and 4950.

H.D. REAR AXLE TOOLS

J 3822-21 Oil Sleeve Installer



J 3822-15 is available for addition to previously released J 3822 Sets and J 3822-21 Adapter is essential for '55 H.D. rear axle application.

Caution: Present J 3822-15 Driver purchased prior to 1-54 must be reworked to accommodate the new J 3822-21 Adapter. Bore I.D. of Driver to $3\frac{1}{4}$ " for depth of $3\frac{1}{2}$ ".

J 5697 Pinion Shaft Staking Tool



The staking operation is performed by centering this tool at end of pinion and applying pressure. Nothing to it with J 5697.

●
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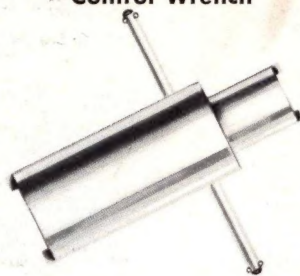
CAB AND TRIM TOOLS

J 5757 Mechanical Weatherstrip Inserting Tool



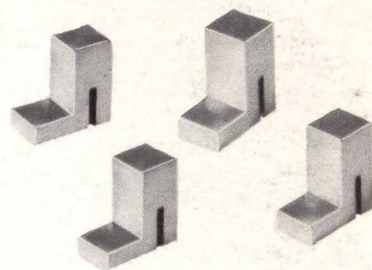
The new clip-installed weather-stripping now being used on GMC doors can't be installed without this tool. What better reason for having several around your shop?

J 5897 Windshield Wiper Transmission and Control Wrench



Removal and replacement of the windshield wiper control and transmission nuts is an easy job with J 5897. And it helps avoid unnecessary damage . . . to the control and transmission nuts and to the windshield itself.

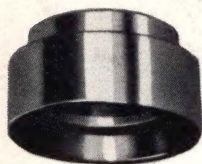
J 6092 Windshield Alignment Blocks



When you replace panoramic windshields be sure to use these special blocks . . . to center glass in opening and to avoid contact with metal which causes scratching, chipping and, worse, glass breakage.

FRONT AXLE TOOLS

J 3822-19 Oil Sleeve Installer

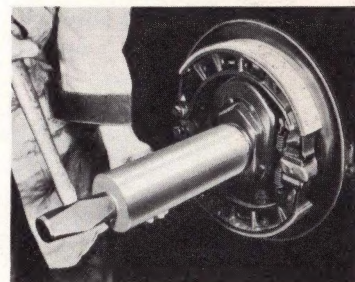


J 3822-20 Oil Sleeve Installer



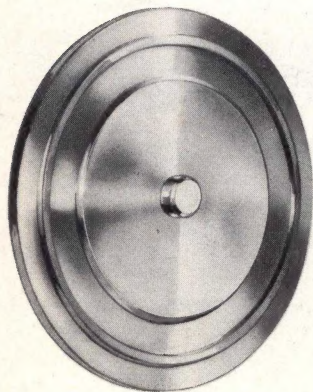
Correct installation of axle seal sleeves is essential to prevent oil leaks. You need J 3822 Installing Set to perform this operation properly and you need J 3822-19 and J3822-20 Adapters to bring your set up to date.

Caution. Present J 3822-15 Driver purchased prior to 1-54 must be reworked to accommodate J 3822-19 or 20 Adapters. Bore Driver I.D. to diameter of $3\frac{1}{4}$ " for depth of $3\frac{1}{2}$ ".

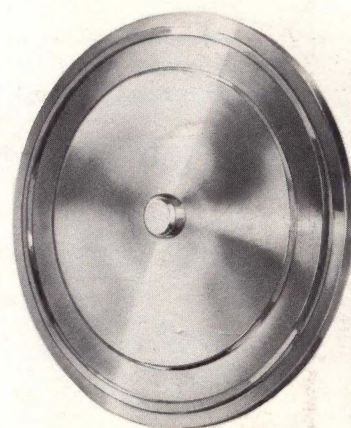


REAR HUB TOOLS

J 6110 Rear Hub Inner Oil Seal Installer



J 6112 Rear Hub Inner Oil Seal Installer



The rear hub inner oil seal is placed on the hub and driven into position with either the J 6110 or J 6112. If one of these essential tools is not used as recommended in your Shop Manual damage to the seal will almost certainly result.

NOTE: J 6110 Installer applies to seals #2258907 and #2328053.
J 6112 Installer applies to seal #2328694.



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